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(continued prosecution application (CPA)) of prior application number 09/096,648,
filed on June 12, 1998, entitled ARTIFICIAL CHROMOSOMES, USES THEREOF AND METHODS FOR PREPARING
ARTIFICIAL CHROMOSOMES

1. ☐ Enter the unentered amendment previously filed on ____ under 37 CFR 1.116 in the prior nonprovisional application.
2. ☒ A preliminary amendment is enclosed.
3. ☐ This application is filed by fewer than all the inventors named in the prior application, 37 CFR 1.53(d)(4).
 - a. ☐ DELETE the following inventor(s) named in the prior nonprovisional application:
 - b. ☐ The inventor(s) to be deleted are set forth on a separate sheet attached hereto.
4. ☐ A new power of attorney or authorization of agent (PTO/SB/81) is enclosed.
5. Information Disclosure Statement (IDS) is enclosed:
 - a. ☐ PTO-1449
 - b. ☐ Copies of IDS Citations

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c))	44-20 =	24	x\$ <u>18.00</u> =	\$432.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	19-3 =	16	x\$ <u>80.00</u>	\$1280.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16 (d))			+\$ <u> </u> =	\$0.00
				BASIC FEE	\$710.00
				Total of above Calculations =	\$2,422.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28)				\$1211.00
	TOTAL =				\$1211.00

6. Small entity status:
- a. ☒ Is claimed.
- b. ☐ Is not claimed.
7. The Commissioner is hereby authorized to credit overpayments or charge any fees to Deposit Account No. 50-1213. If a Petition for extension of time is needed, this paper is to be considered such Petition.
- a. ☒ Fees required under 37 CFR 1.16.
- b. ☒ Fees required under 37 CFR 1.17.
- c. ☒ Fees required under 37 CFR 1.18.
8. ☒ A check in the amount of \$1656.00 is enclosed, including the above fees and \$445.00 for a three-month extension of time for response to the outstanding Office Action (37 CFR 1.17(a)(3)).
9. ☐ Other:

10. NEW CORRESPONDENCE ADDRESS (if applicable)

NAME	Stephanie Seidman				
ADDRESS	Heller Ehrman White & McAuliffe LLP, 4250 Executive Square, 7th Floor				
CITY	La Jolla	STATE	California	ZIP CODE	92037
COUNTRY	U.S.A.	TELEPHONE	858-450-8400	FAX	858-587-5360

11. SIGNATURE OF APPLICANT, ATTORNEY OR AGENT REQUIRED

NAME	Paula K. Schoeneck	12/27/2000 AMONDAF1 00000006 09096648
SIGNATURE	<i>Paula K. Schoeneck</i>	01 FC:231 355.00 OP 02 FC:203 216.00 OP
REGISTRATION NO. (Attorney)	39,362	03 FC:202 640.00 OP 04 FC:217 445.00 OP
DATE	December 21, 2000	

#1513
12-29-00
P.2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HADLACZKY *et al.*

Serial No.: 09/096,648

Filed: June 12, 1998

**For: ARTIFICIAL CHROMOSOMES, USES THEREOF
AND METHODS FOR PREPARING ARTIFICIAL
CHROMOSOMES**

Group Art Unit: 1632

Examiner: Martin, J.

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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Date of Deposit December 21, 2000 DEC 28 2000

I hereby certify that this paper and the attached papers are being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 C.F.R. §1.10 on the date indicated above and addressed to: BOX CPA, Commissioner of Patents, Box CPA, Washington, D.C. 20231.

12/21/00

Date

Paula K. Schoeneck
Paula K. Schoeneck

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

This Preliminary Amendment, which is responsive to the Office Action mailed June 21, 2000 (the "Office Action"), is filed with a Request for Continued Prosecution Application (CPA). Please amend the application as follows:

IN THE CLAIMS:

Please cancel claims 42, 64, 66, 68-70 and 75-81 without prejudice or disclaimer.

Please add claims 82-105 as follows:

- sub 82
- B' sub 64
82. A method of producing a transgenic embryo, comprising:
introducing a satellite artificial chromosome into a cell; and
culturing the cell under conditions whereby it develops into an embryo.—
83. The method of claim 82, wherein the cell is an oocyte.—
84. The method of claim 83, wherein the cell is a mouse oocyte.—
85. The method of claim 82, wherein the satellite artificial chromosome is introduced into a pronucleus.—
86. The method of claim 85, wherein the pronucleus is a mouse pronucleus.—